

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-191685

(43)Date of publication of application : 11.07.2000

(51)Int.Cl.

C07J 9/00

A61P 35/00

A61K 31/575

(21)Application number : 10-367751

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(22)Date of filing : 24.12.1998

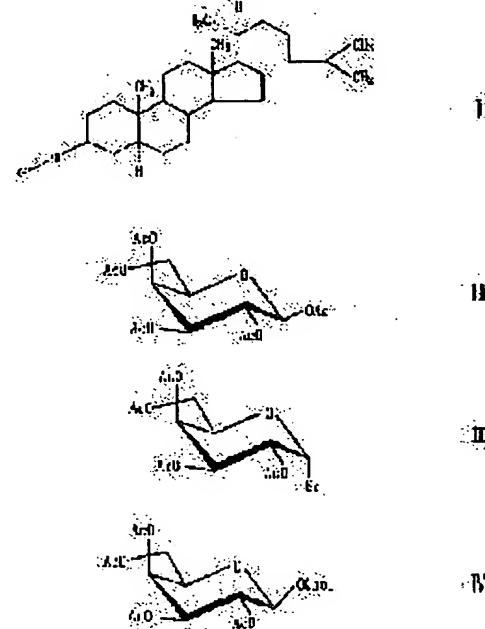
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(54) CHOLESTANOL COMPOUND AND MEDICINE CONTAINING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a new cholestanol compound hardly providing side effects, excellent in safety and useful as an anticancer agent or the like.

SOLUTION: This new compound is the one of formula I (G is Gal-, Gal-Glc- or GlcNAc-Gal-), e.g. 3- α -cholestanyl 2,3,4,6-tetra-O-acetyl- β -D-galactopyranoside. The compound of formula I is obtained, for example, by using β -D-galactopyranose pentaacetate of formula II as a raw material, reacting hydrobromic acid therewith to provide a compound of formula III, further reacting the compound of formula III with a β -cholestanol to provide a compound of formula IV, and deprotecting the product. Preferably, the compound of formula I is used perorally or parenterally, and the daily dose thereof for an adult is preferably within the range of 0.1-50 mg/kg body weight.



LEGAL STATUS

[Date of request for examination] 15.06.2005

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]